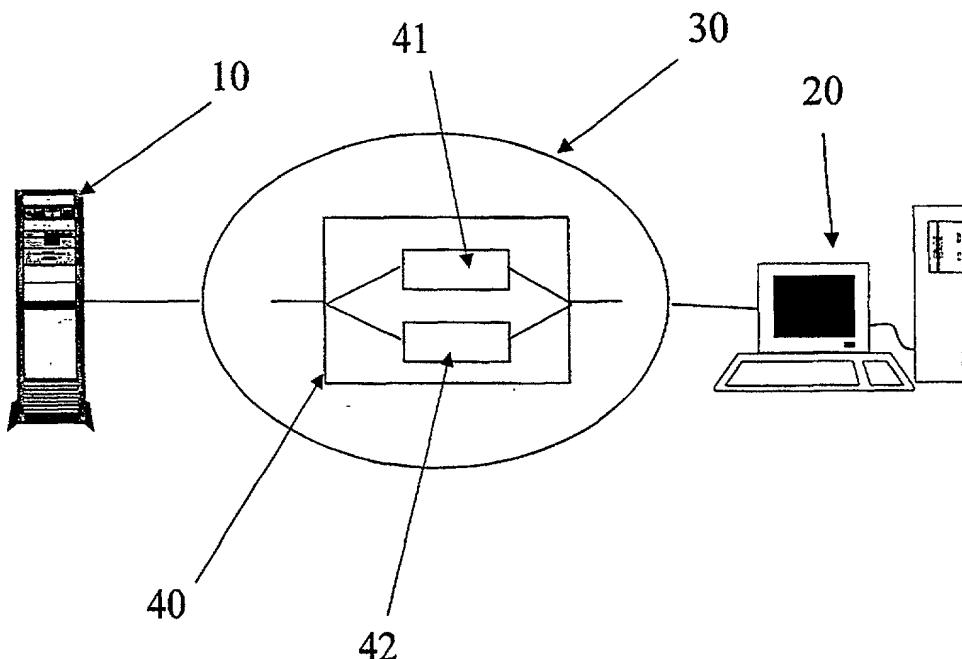




INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : H04L 29/06, 12/56		A1	(11) International Publication Number: WO 00/22795 (43) International Publication Date: 20 April 2000 (20.04.00)
(21) International Application Number: PCT/GB99/03353		(81) Designated States: AU, CA, CN, JP, NZ, SG, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).	
(22) International Filing Date: 11 October 1999 (11.10.99)			
(30) Priority Data: 9822550.1 15 October 1998 (15.10.98) GB		Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>	
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(54) Title: COMPUTER COMMUNICATION PROVIDING QUALITY OF SERVICE



(57) Abstract

A method is provided for more efficiently transmitting data from a server computer to a client computer over a communications network, the nodes of which are capable of providing two classes of transmission quality. Data is transmitted using the high priority class until a local cache at the client computer is filled to a certain upper threshold, at which point the data is transmitted using the low priority class. If the local cache at the client computer subsequently reaches a lower threshold then the transmitted reverts to the high priority class. The communications network may be connection-based (e.g. ATM) or connection-less (e.g. the Internet).